

Claims

- [1] An in/ejector and shelf structure grounded to a frame ground of a card, said structure comprising:
a shelf having a frame, a guide rail and a guide supporter, wherein the frame and the guide rail are established at a given spacing in front and rear portions of upper and lower ends thereof, and wherein the guide supporter has a common conductivity formed in an inside of both upper and lower parts thereof;
a card including a frame ground and a stiffener, wherein the frame ground having conductivity is formed on upper and lower parts thereof, and wherein the stiffener having a rectangular shape is formed on a front part thereof, and wherein the card is mounted on the shelf; and
an in/ejector for fixing the card on the shelf, wherein the in/ejector is coupled to upper and lower parts of the stiffener and is grounded to the guide supporter and the frame ground.
- [2] The in/ejector and shelf structure grounded to the frame ground of the card according to claim 1, wherein the guide supporter comprises:
a body formed on the upper and lower ends of the shelf and having a guide groove, the guide groove causing the frame ground of the card embedded on the shelf and the in/ejector to be grounded;
a finger strip having elasticity formed on the guide groove and shaped as 'C', the finger strip fixing the in/ejector on the guide groove and causing the in/ejector to be grounded ; and
a fixing protrusion formed on one side of the body having a prescribed size, wherein the in/ejector is coupled to the fixing protrusion.
- [3] The in/ejector and shelf structure grounded to the frame ground of the card according to claim 1, wherein the in/ejector comprises:
a locker having a lever formed on the upper part thereof, wherein the lever causes the card to be vertically self-erectable on the shelf;
a body mounted on the lower part of the locker having a fixing groove shaped as a groove on the lower part thereof, wherein the body is fixed to the guide supporter having the fixing protrusion; and
a base established on one side of the lower part of the body having a coupling protrusion on the lower part thereof, wherein the base causes the guide supporter having the finger strip to be grounded .